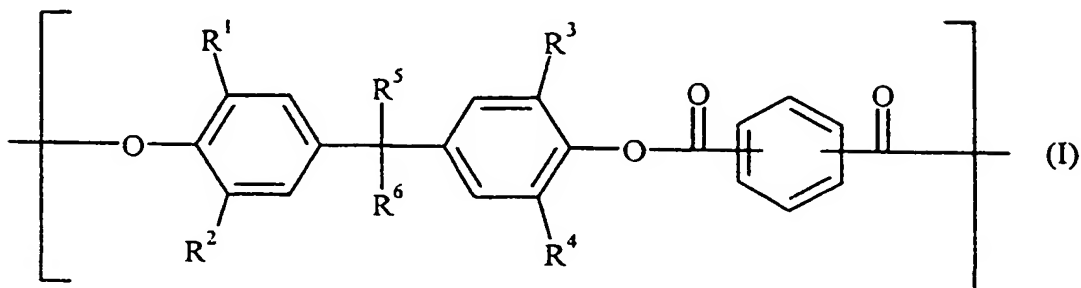


Appendix

Abstract of the Disclosure

Thermoformed diaphragms made of cast polyarylate films, at least comprising one polyarylate (PAR) having a structural unit of the formula (I):



where each of R^1 , R^2 , R^3 , and R^4 , independently of the others, is hydrogen, C_{1-4} -alkyl, C_{1-4} -alkoxy, or halogen, and each of R^5 and R^6 independently of the other, is hydrogen, C_{1-4} -alkyl, C_{1-4} -alkoxy, phenyl, or halogen. The thermoformed diaphragms made of cast PAR films can be used as acoustic transducers, preferably as microphone diaphragms or loudspeaker diaphragms. The cast PAR films can be used for producing these diaphragms, and the PAR casting solutions can be used for producing the cast PAR films. There are processes for producing thermoformed diaphragms made of cast PAR films.